Elective Description

**Campus:** Southeast (Fargo)  
**Elective/Experience Title:** Pediatric Neurology  
**Location of Elective:** Essentia – Fargo, ND  
**Preceptor(s):** Christopher DeCock, MD  
**Period(s) Offered:** ALL  
**Number of students per period:** 1 per period  

**Department:** Pediatrics  
**Course Number:** PED 9210  
**Course prerequisites:** Pediatrics Clerkship  
**Revised Curriculum Phase(s):** 2 & 3

**Purpose:** To provide education and experience in the care of children requiring services of a pediatric neurologist

**Objectives:** Following successful completion of this elective, the student will be able to:

1. Demonstrate the ability to obtain a complete neurology history, perform a neurology examination and provide differential diagnoses of common disorders affecting the nervous system in children.
2. Demonstrate the knowledge of the diagnostic evaluation of children with common neurology problems and the formulation of proper treatment plans.
3. Demonstrate basic skills and knowledge in developmental pediatrics.
4. Correlate neurological signs and symptoms with neuroanatomical disorders.
5. Explain method and purpose of the following electrodiagnostic studies: EEG, ABR, VEP, PSG.

**Instructional Activities:** During this elective, the student will be involved in/experience:

1. The clinical evaluation of both inpatients and outpatients under the direction of the pediatric neurologist.
2. The direct care of inpatients under the supervision of the pediatric neurologist.
3. Discussions with the preceptor of assigned readings in recent and classical pediatric neurology literature.
4. Brief assigned topic presentations to the preceptor.
5. Assigned educational conferences.

**Criteria for Grading:** During and following this elective, the preceptor will:

1. Utilize the standardized UNDSMHS senior elective evaluation form.
2. Evaluate by direct observation timeliness and professionalism.
3. Evaluate the quality of the performance of assigned tasks and presentations.
4. Evaluate by direct observation the student’s ability to obtain pertinent history, complete competent neurology exam and formulate a reasonable differential diagnoses and management plan for children with neurological disorders.

Updated: September 2018